

ABSTRACT

Provided is a method and system for determining a position of a mobile communication device in a mobile communication network, the method including the steps of: dividing an area covered by the mobile communication network into a plurality of grids and collecting a first base station signal information with respect to each of the divided grids; storing and maintaining the collected first base station signal information in association with position information of the grids in a database; measuring a second base station signal information received by the mobile communication device; comparing the second base station signal information with the first base station signal information to find position information corresponding to the second base station signal information in the database; and generating final position information of the mobile communication device based on the position information found in the database.